

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                                    |   |                       |
|------------------------------------|---|-----------------------|
| In re Patent Application of:       | ) |                       |
| MACCHETTI ET AL.                   | ) |                       |
|                                    | ) |                       |
| Serial No. 10/816,791              | ) | Examiner: M. SAN JUAN |
|                                    | ) |                       |
| Filing Date: APRIL 2, 2004         | ) | Art Unit: 2132        |
|                                    | ) |                       |
| Confirmation No. 9927              | ) | Attorney Docket No.   |
|                                    | ) | 02AG50553433          |
| For: A METHOD OF IMPLEMENTING ONE- | ) |                       |
| TO-ONE BINARY FUNCTION AND         | ) |                       |
| RELATIVE HARDWARE DEVICE,          | ) |                       |
| ESPECIALLY FOR A RIJNDAEL          | ) |                       |
| S-BOX                              | ) |                       |
|                                    | ) |                       |

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**AMENDMENT AFTER FINAL**

MS AF  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Examiner's final Office Action of November 1, 2007, please enter the remarks set forth below. No new issues are raised by this amendment.